

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant(s): Per-Simon KILDAL
Int'l Application No.: PCT/SE2004/001178
Application No.: NEW
Filed: February 3, 2006
For: BROADBAND MULTI-DIPOLE ANTENNA WITH
FREQUENCY-INDEPENDENT RADIATION
CHARACTERISTICS

**INFORMATION DISCLOSURE STATEMENT
(SUBMISSION CONCURRENT WITH THE
FILING OF A NEW PATENT APPLICATION)**

Customer Service Window
Randolph Building
401 Dulany Street
Alexandria, VA 22314
Mail Stop PCT

February 3, 2006

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION

The patents, publications, or other information submitted for consideration by the Office are listed on PTO-1449, attached hereto.

II. COPIES

Submitted herewith is a legible copy of (i) each U.S. and foreign patent; (ii) each publication or that portion which caused it to be listed; and (iii) all other information or that portion which caused it to be listed.

This application is a National Phase of a PCT application. Some or all of the documents listed on the PTO-1449 are not enclosed because they were cited in the International Search Report and copies should be forwarded from the International Search Authority. If copies are needed, please contact the undersigned.

New PCT National Phase Application
Docket No. 10400C-000210/US

Because the present application is being filed after June 30, 2003, no copies of the U.S. patents or U.S. patent application publications which are listed on the attached Form 1449 are enclosed pursuant to the waiver of 37 C.F.R. § 1.98(a)(2)(i). Any foreign patent documents or non-patent literature listed on the attached Form 1449 are enclosed herewith.

III. CONCISE EXPLANATION OF THE RELEVANCE
(check at least one box)

a. DOCUMENTS IN THE ENGLISH LANGUAGE

Some of the attached patents, publications, or other information in the English language do not require a statement of relevancy.

b. DOCUMENTS NOT IN THE ENGLISH LANGUAGE

A concise explanation of the relevance of all patents, publications, or other information listed that is not in the English language is as follows:

Many of the documents have been discussed in the PCT Search Report, the PCT Preliminary Examination Report, and/or throughout the specification. The PCT Search Report and PCT Preliminary Examination Report, along with a German translation aid translating key terms into English, indicate the degree of relevance found by the PCT Office, thereby satisfying the requirement for a concise explanation. See MPEP 609(A)(3).

c. ENGLISH LANGUAGE SEARCH REPORT

An English language version of the search report or action that indicates the degree of relevance found by the foreign office is attached, thereby satisfying the requirement for a concise explanation. See MPEP 609(A)(3).

d. OTHER

The following additional information is provided for the Examiner's consideration.

Applicants include a German translation aid for translating terminology in the PCT Search Report and Examination Report to thereby satisfy Applicant's requirement for an English language translation thereof.

e. EQUIVALENCY DOCUMENTS

10/567155

IAP20 Rec'd PCT/PTO 03 FEB 2006

New PCT National Phase Application
Docket No. 10400C-000210/US

FEES

This Information Disclosure Statement is being filed concurrently with the filing of a new patent application; therefore, no fee is required.

If the Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule and charge the appropriate fee to Deposit Account No. 08-0750.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 08-0750 for any additional fees required under 37 C.F.R. § 1.16 or under § 1.17; particularly, extension of time fees.

Respectfully submitted,

HARNESS, DICKEY & PIERCE, P.L.C.

By: 
John A. Castellano, Reg. No. 35,094

P.O. Box 8910
Reston, Virginia 20195
(703) 668-8000

JAC:dpq

Enclosures:

- Form PTO-1449(s)
- Documents
- International Search Report (PCT/ISA/210 and PCT/ISA/220)
- International Preliminary Examination Report (PCT/IPEA/416 and PCT/IPEA/409)
- Fee
- Other: German Translation Aid

INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)		ATTY DOCKET NO. 10400C-000210/US	APPLICATION NO. 107567155 NEW			
		APPLICANTS Per-Simon KILDAL	CONF. NO. Unknown			
		FILING DATE February 3, 2006	GROUP Unknown			
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	US 3,696,437 A	10/03/1972	Grant			
	US 6,362,796 B1	03/26/2002	Bohlman			
	US 5,093,670 A	03/03/1992	Braathen			
	US 3,079,602 A	02/26/1963	Hamel et al.			
	US 5,274,390 A	12/28/1993	Breakall			
	US 3,543,277 A	11/24/1970	Pullara			
	US 3,286,268 A	11/15/1966	Barbano			
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION
						YES
	GB 983447 A	02/17/1965	GREAT BRITAIN			
	DE 8104760 U1	09/10/1981	GERMANY			
OTHER DOCUMENTS (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)						
	P.S. Excell et al: "Log-Periodic Antenna For Pulsed Radiation" Electronics Letters 15 th October 1998, Vol. 34, No. 21, p.1-2, figure 3.					
EXAMINER			DATE CONSIDERED			